



# PEKOTEK OY

**Over 40 years of  
world' s most reliable  
surface treatment technologies**

# About Company

- Pekotek Oy is a Finnish company specialized in both manual grit blasting and automatic shot blasting, as well as painting and drying technologies.
- In export our main focus is on blasting processes and our patented blasting system.
- Pekotek was established in 1983 and has delivered over 500 working systems throughout Europe.
- Our in-house design, development, and manufacturing and after sales. Departments enable individualized, flexible, and cost-effective solutions.



Over 500 Our Clients



Individuality - Our Target



Revenue 5.3 M €  
(2024)



# Our Vision

Our vision is to be the number one supplier of sustainable solutions in the surface treatment industry, in Finland and around the world! Our patented solutions are unique and constantly improved and developed.

01

Number one supplier in the world  
for manual grit blasting systems

02

The most durable and reliable solutions





## Pekotek as a partner

### Why choose Pekotek?

It's simple; our solutions are low cost, technically superior, nearly unbreakable and long-lived. Our first line was delivered in the 1980's and its still working.

- Low operation costs
- Mostly service free and longlasting
- Unique patented technology
- Easy delivery in any blasting projects
- Full turnkey delivery or possiblity to do joint project
- Full support throughout a whole project from start to completion and thereafter

# Industries

Our end customers have different characteristics and represent many industries. But they usually need reliable surface treatment solutions for the final product- and production processes. A typical Pekotek customer is a welding workshop that requires mechanical pre-treatment and wet painting.



**Oil & gas pipes**



**Heavy machinery**



**Railway products**



**Motors**



**Wind industry**



**Military**



**Off-shore**



**Steel construction**

# Our solutions

Our services and solutions are carefully designed to withstand time and heavy use, while taking ecological and practical aspects into account to simplify our customers' manufacturing process.



## Blasting

Patented air assisted grit blasting system



## Wet Painting (domestic markets)

The most energy efficient solutions on the market



## COMBI

Combined blasting chamber



## Digital Solutions

Digital twin , operating solution



## MOBL CONCEPT

Combined blasting chamber

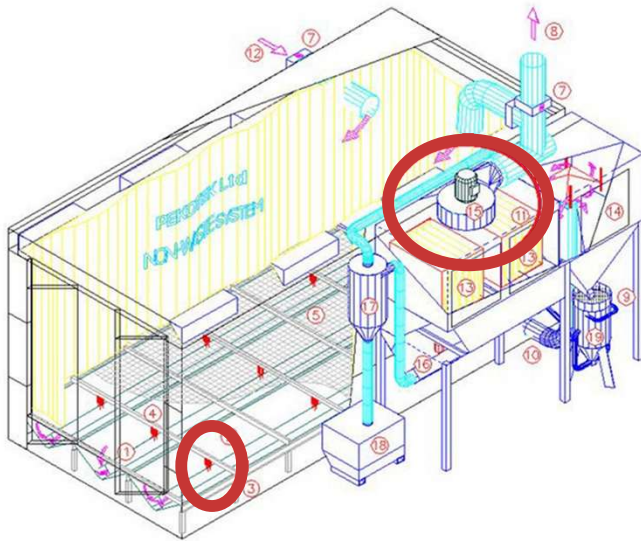


## Unique patented Non-Waste abrasive recycling system

The Non-waste system is a one-of-a-kind abrasive recycling solution, unmatched by traditional systems like scraper floor- or screw conveyor systems;

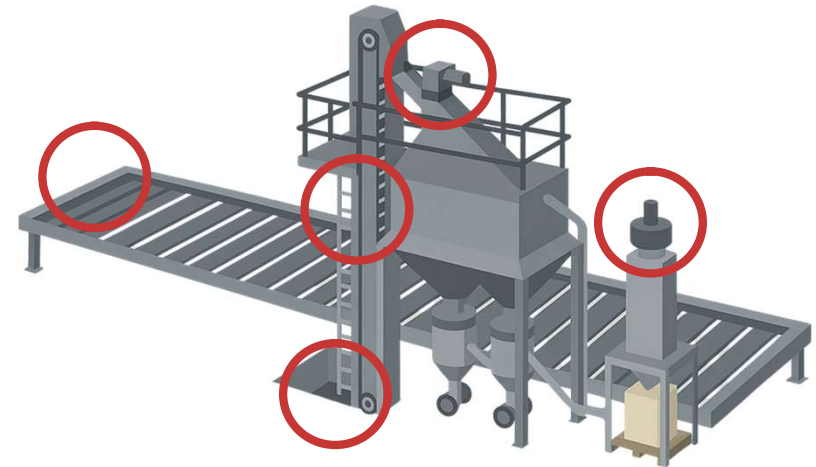
- Air assisted recycling
- In our Non-Waste system, grit recycling and dust removal are handled solely by air-driven fans, no mechanical conveyors or vacuum systems required.
- No screws, no scrapers, no elevators etc
- The life cycle of the non-waste system is significantly longer than any other system

## Comparison of Pekotek non-waste system and traditional scraper floor



### Movable parts in Pekotek non-waste system;

- Fan
- Lifting cylinder (on floor hopper)



### Movable parts in scraper floor;

- Scraper floor
- Cross conveyor to elevator
- Elevator
- Air scarf and separator
- Fan

# Operating costs of Pekotek non-waste system compared to scraper floor

Comparative savings accumulate over time

Operating costs **5 years** 10.000m3 blasting room (10 x 5 x 5 m)

|                           | Pekotek non-waste | Scraper solution |
|---------------------------|-------------------|------------------|
| Filters                   | 3 500             | 6 600            |
| Floor hopper cylinders    | 300               |                  |
| Scraper floor spareparts  |                   | 1 500            |
| Cross conveyor spareparts |                   | 1 000            |
| Elevator spareparts       |                   | 1 500            |
| Air scarf and separator   |                   | 500              |
| Maintenance works         | 5 000             | 10 000           |
| <b>Total (EUR)</b>        | <b>8 800</b>      | <b>21 100</b>    |

Operating costs **10 years** 10.000m3 blasting room (10 x 5 x 5 m)

|                           | Pekotek non-waste | Scraper solution |
|---------------------------|-------------------|------------------|
| Filters                   | 7 000             | 13 200           |
| Floor hopper cylinders    | 600               |                  |
| Scraper floor spareparts  |                   | 3 750            |
| Cross conveyor spareparts |                   | 2 500            |
| Elevator spareparts       |                   | 3 750            |
| Air scarf and separator   |                   | 1 250            |
| Maintenance works         | 10 000            | 25 000           |
| <b>Total (EUR)</b>        | <b>17 600</b>     | <b>49 450</b>    |

## CHOOSING PEKOTEK

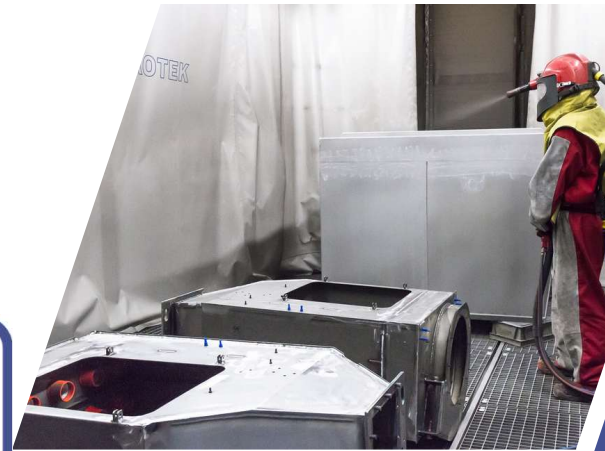
**5 years** - 42 % of costs / € 12 300 saved

**10 years** - 35 % of costs / € 31 850 saved

**20 years** - scraper (and screw/mechanical?) systems retired

**30+ years** - Pekotek systems are still running!

- Our non waste solution requires substantially less maintenance.
- Only few wearing parts!



Operating costs 5 years

Operating costs 10 years



## The most energy efficient wet painting solution on the market

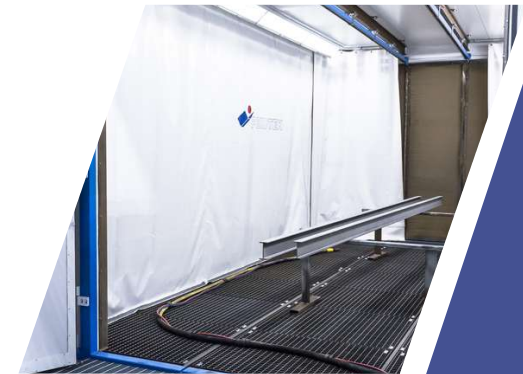
- Efficient and maintenance-free heat recovery restores at least 70 % of the exhaust air energy
- Automatic gas monitoring ensures clean and safe working conditions, the exhaust air is adjusted according to the actual needs thus enabling efficient air recirculation.
- The operating costs are often 20 – 30 % lower than with competing solutions

## 2-IN-1 MOVABLE SYSTEM

### MOBL CONCEPT

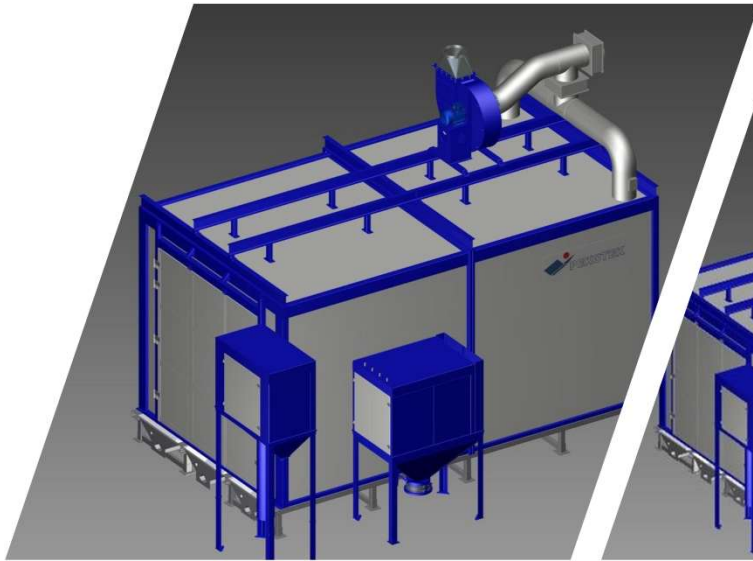
Pekotek MOBL is a transportable, 2-in-1 multi-purpose booth that lets you blast, paint and dry all in the same chamber – virtually anywhere.

- Easy to transfer between locations
- Easy to expand (start by multipurpose chamber, extended by additional chamber later)
- Saves a space
- EXCELLENT RETAIL VALUE
- Our system doesn't need any manual cleaning between the processes. The airflow takes care of loose grit and dust particles.

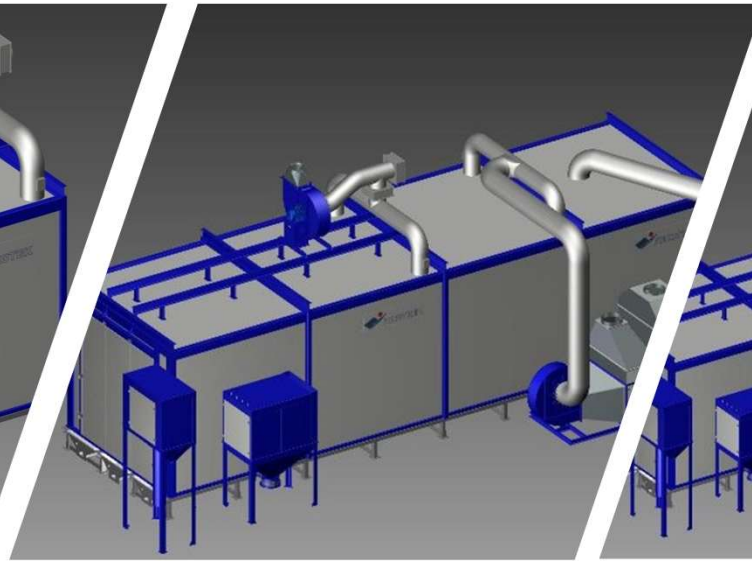


PEKOTEK  
**MOBL**

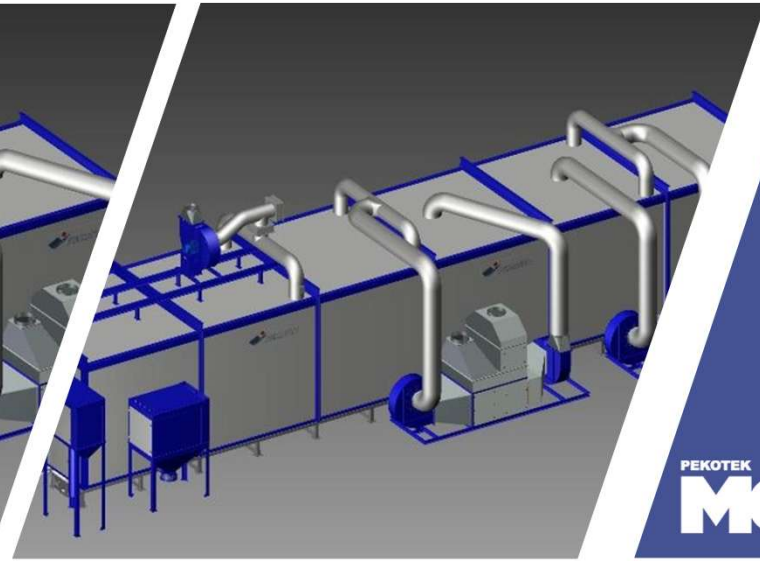
## Expandable modular system mobl concept



1. Combined blasting + painting unit



2. **Added** painting unit



3. **Added** painting + drying unit



# Meet Our Team



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# Successful deliveries and references



**...and several defence and railway industry customers.**

Successfully delivered all around the world to Finland, Sweden, Denmark, Estonia, Latvia, Lithuania, Germany, Netherlands, Austria, Switzerland, Romania, Ukraine, Hungary, Greece, China, Bulgaria and many more.

We are officially registered with an NCAGE code.



## Contact Us



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# Thank You

